A.S.D.GOVT.DEGREE COLLEGE FOR WOMEN (AUTONOMOUS),KAKINADA

(Affiliated to AdikaviNannaya University, Rajamahendravaram)

II YEAR UG SEM-III END EXAMINATIONS –MARCH 2023

Subject : Analytical Skills (AS) **Paper Code:AS20303L**

Time : 2Hrs **Max. Marks : 50M**

Answer all questions. Each question carries 1 mark. 50x1=50

1.(1560÷ 40) + (4/7) of (5/8) of 56 = 24 + ? [ ]

a)49 b)42 c)28 d)35

2.(8/3) of [908+1279]+38=__+350 [ ]

a]3160 b]3580 c]5520 d]4850

3.[21/47]÷[168/376]x142 + 2149 - 39% of 600 =__ [ ]

a]1895 b]2343 c]2057 d]1550

4.$\sqrt{14641}$x [15851÷131] x 116 = 11? [ ]

a]8 b]12 c]10 d]6

5.Find the L.C.M. of 72,108 and 2100 [ ]

a]37800 b]78300 c]38700 d]378378

6.Find the greatest possible length which can be used to measure exactly the lengths 4m,95cm,9m and 16m 65cm [ ]

a]45cm b]54cm c]44cm d]55cm

7. 50,45,40,35,30,__ [ ]

a]22 b]23 c]24 d]25

8. 1,3,6,11,18,__ [ ]

a]25 b]29 c]32 d]35

9. 225,100,36,9,1, __ [ ]

a]7 b]6 c]0 d]1

10.In a certain code ROAR is written as URDU. How is URDU written in that code. [ ]

a] VXDQ b] XUGX C] ROAR d] VSDV

11.If 'REQUEST' is written as 'S2R52TU', then how will ACIC be written. [ ]

a] 1394 b] IC94 c] BDJE d] ID3E

12.How many times are the hands of a clock at right angle in a day [ ]

a] 22 b] 24 c] 44 d] 48

Scanned with OKEN Scanner

13.an accurate clock shows 8 O' clock in the morning. Through how many degree will the hour hand rotate when the clock shows 2 O'clock in the Afternoon [ ]

a]144° b]150° c]168° d]180°

14.What was the day of the week on 15th august , 1947. [ ]

a] Sunday b] Saturday c] Friday d] Wednesday

15. January 1, 2007 was Monday, what day of the week lies on January 1,2008 [ ]

a] Monday b] Tuesday c] Wednesday d] Sunday

16.The Average of four consecutive even numbers is 27. Find the largest of these numbers [ ]

a]30 b]24 c]26 d] 28

17.A Cricket has a certain average for 10 Innings. In the eleventh inning he scored 108 runs, there by increasing his average by 6 runs. His new average is [ ]

a]48runs b]52runs c]55runs d]60runs

18.A motorist travels to a place 150km away at an average speed of 50km/hr and returns at 30km/hr. His average speed for the whole journey in km/hr is [ ]

a] 35 b]37 c]37.5 d]40

19. If 0.75 : x : : 5 : 8; then x is equal to [ ]

A]1.12 b]1.20 c]1.25 d]1.30

20.If 10% of x =2 0% of Y, then X : Y is equal to [ ]

a] 1:2 b] 2:1 c] 5:1 d] 10:1

21.Present ages of A and B are in the ratio of 2:3 after 6 years their ages will be in the ratio 4:5 then find A's present age. [ ]

A]6 b]5 c]10 d]12

22. 2 years ago father and daughter ages ratio is 6:1, six years after the ratio becomes 10:3 what is fathers present age. [ ]

A]44 b]55 c]66 d]77

23.Present ages of three persons in ratio 4 : 7: 9, 8 years ago the sum of ages of three persons is 56, find the sum of all present age. [ ]

A]80 b]40 c]60 d]100

24.A train covers certain distance with a speed of 250kmph in hours then how much speed required to cover same distance in 11/3 ? [ ]

A]750 b]500 c]1000 d]800

25.A man goes to a place at 20 kmph and returns at 30 kmph find the average speed. [ ]

Scanned with OKEN Scanner

A]24 b]12 c]36 d]18

26.A 300m long train travels a speed of 72kmph in what time will it cross a person standing. [ ]

A]15sec b]30sec c]12sec d]24sec

27.A boy goes to the school from village at a speed of 3kmph and returns at 2kmph speed if he takes 5hrs all find the distance between village and school. [ ]

A]6 b]5 c]10 d]12

28.If 28% of a = b then find b% of 25 is__ [ ]

A]7% of a b]10% of a c]3% of a d] 4% of a

9.If x is 80% of y then what percent of 2x is y. [ ]

a]62.5 b]63.5 c]64.5 d]65.5

30.IF 25% Of x = 35% of y then find x : y. [ ]

a] 7:5 b] 5:7 c] 3:5 d] 5:3

31.A Clock was sold at gain of 10% at 440Rs, find cost price. [ ]

a]400 b] 500 c]350 d]420

32.A Man bought a cycle for 1000 and spent 200 on its repair. He sold it for 1600. His profit percent is. [ ]

A]20% b]10% c]33.3% d]16%

33. Some articles were bought at 6 for 5 and sold at 5 for 6, gain precent is. [ ]

a]5% b]6% c]30% d]44%

34.If a sales man gets successive gain of 25% and 20% then actual gain. [ ]

a]50% b]25% c]150% d]20%

35.If the selling price of an article is 4/3 times of its cost price then profit percentage is. [ ]

a]33.3% b]66.7% c]25% d]11%

36.If what time will the simple interest on Rs.3200/- at $3\frac{3}{4}$ % p.a Rs 720/-. [ ]

a]5Years b]6Years c]4Years d]none

37.Suresh borrowed Rs. 800 at 6% and Naresh borrowed Rs. 600 at 10% after how much time ,will they both have equal debts. [ ]

a]15 1/3 Yr b]14 ½ Yr c]18 1/3Yr d]16 2/3Yr

38.find the compound interest on Rs20,000 for 2years at 10% p.a [ ]

a] Rs.2,400 b]Rs4,200 c]Rs3,600 d]Rs24,200

39.A start business with Rs3500 and after 5 months, B joins with A as his partner. After a year, the profit is divided in ratio 2:3. What B's contribution in the capital. [ ]

Scanned with OKEN Scanner

AQUACULTURE TECHNOLOGY SEMESTER: V PAPER-VIIA (2022-2023) ORNAMENTAL FISH CULTURE

MODEL QUESTION PAPER

Time: 3Hrs Max. Marks: 75M

SECTION – A

Answer any FIVE ofthefollowing 5x5 = 25Marks

1. Method of collection of livefish
2. Types ofaquaria
3. Goldfish
4. Starfish
5. Aquariumplants
6. Control ofsnails
7. Damsel fishes larvalrearing
8. Fishconditioning

SECTION – B

Answer ALL the questions each question carries10 marks 5x10=50Marks

9. a).Explain the Global status of ornamental fish trade and exortpotential?

(or)

b). Give a detail account on Indian ornamental fish diversity and its status?

10. a). Write the taxonomy of Freshwater ornamental fishes? (or)

b). Explain in detail about Marine ornamental fishes?

11. a). Write an essay on Aquarium fish feed? (or)

b). Explain the biological, mechanical and chemical water filtration systems?

12. a). Explain in detail about Breeding of Live bearers and Egglayers (or)

b). Describe the Application of genetics and biotechnology for quality strain production?

13. a). Write the notes on Mass production of aquarium plants? (or)

b) . Describe the Retail marketing and export of ornamental fish?

Scanned with OKEN Scanner

45. What was the percentage increase in the foreign exchange reserves in 1997-98 over 1993-94 ? [ ]

A)100 B)150 C)200 D)620

Study the following table carefully and answers the questions given below it;

Numbers of different categories of vehicle sold in the country over the year (in thousand)

Year	Heavy	Light	Commercial vehicles	Cars	Jeeps	Two wheelers
1990	26		64	232	153	340
1991	45		60	242	172	336
1992	72		79	248	210	404
1993	81		93	280	241	411
1994	107		112	266	235	442
TOTAL	**331**		**408**	**1268**	**1011**	**1943**

46. In which of the following years was the number of light commercial vehicle sold approximately 25% of the number of 2 wheelers sold [ ]

A)1993 B)1991 C)1990 D)1994

47. In the same percentage increase the number of heavy vehicle as in 1994 over 1993 is expected in 1995, approximately how many heavy vehicle will be sold in 1995 [ ]

A)139 B)141 C)144 D)133

48. the number of heavy vehicle sold in 1993 was approximately what percentage of the total number of vehicle sold in 1992 [ ]

A)8 B)10 C)7 D)9

49. In which year was the number of 2 wheels sold as percentage of the total number of vehicle sold during that year, the highest? [ ]

A)1994 B)1991 C)1990 D)1992

50. The percentage increase in the sales in 1993 over the previous year was maximum for which of the following categories of vehicle? [ ]

A)Cars B)Heavy vehicles C)Jeeps D)Light commercial vehicle

****

:: ALL THE BEST::

Scanned with OKEN Scanner

A.S.D.GOVT.DEGREE COLLEGE FOR WOMEN (AUTONOMOUS),KAKINADA

(Affiliated to AdikaviNannaya University, Rajamahendravaram)

II YEAR UG SEM-III END EXAMINATIONS –MARCH 2023

Subject : Basics of Vegetable Science

Paper Code: HT203309

Max. Marks : 75 M

Time : 3 Hrs

BASICS OF VEGETABLE SCIENCE (OLERICULTURE)

Time : 3 Hours

Max Marks : 75

SECTION A

Answer ALL the following Essay Questions

5 x10= 50 M

1. a) Explain the importance of vegetable cultivation in India

OR

b) Explain the Export and import potential of vegetables in India

2. a) Describe the climate and soil, seed sowing, manuring and irrigation of Tomato

OR

b) Explain the cultivation practices of coriander

3. a) Explain the cultivation practices of Beetroot

OR

b) Explain the intercultural operations, diseases and harvesting in Colocasia

4. a) Describe the cultivation practices of cabbage

OR

b) write an essay on manuring, irrigation , diseases and their management in cauliflower

5. a) Write an essay on cultivation practices of cluster beans

OR

b) Explain the morphology, taxonomy , climate , soil and seed sowing in Dolichos

Scanned with OKEN Scanner

SECTION B

Answer any 5 of the following 5 x 5= 25 Marks

6. *Classification of vegetables*
7. Constraints in vegetable production
8. Diseases and their control in Brinjal
9. Morphology and Taxonomy of Carrot
10. Disease management in cabbage
11. Morphology and Taxonomy of cauliflower
12. Climate , soil and sowing in cowpea
13. Manuring , Irrigation in Cluster beans

Scanned with OKEN Scanner

A.S.D.GOVT.DEGREE COLLEGE FOR WOMEN (AUTONOMOUS),KAKINADA

(Affiliated to AdikaviNannaya University, Rajamahendravaram)

II YEAR UG SEM-III END EXAMINATIONS –MARCH 2023

Subject : Database Management | **Paper Code: CS203304**

Time : 3 Hrs | **Max. Marks : 75 M**

SECTION -A

Answer any **Five** questions of the following: 5 X 5 M = 25 M

1. What is Data?
2. Define Database Management System.
3. List the building blocks of ER Diagram.
4. List any four keys with definitions.
5. What is functional dependency?
6. Write a short note on any three joins with diagrams.
7. Write the shortcomings of SQL.
8. Write about aggregate functions with examples.

SECTION - B

Answer **ALL** the questions: 5 X 10M = 50M

9. (a). Explain about the advantages of database approach.

(OR)

(b). Explain about components of DBMS?

10. (a). Explain about Specialization and Generalization with neat diagrams.

(OR)

(b). Explain about the advantages of ER modeling.

Scanned with OKEN Scanner

11. (a). List and explain CODD Rules.

(OR)

(b). Write about 1NF and 2NF with example tables.

12. (a). List and explain any four Data types in SQL.

(OR)

(b). List and explain any four DML commands with simple examples

13. (a). Explain the structure of PL/SQL program with diagram

(OR)

(b). Explain about control structures Selection, Iteration, Sequence with diagrams.

Scanned with OKEN Scanner

A.S.D.GOVT.DEGREE COLLEGE FOR WOMEN (AUTONOMOUS),KAKINADA

(Affiliated to AdikaviNannaya University, Rajamahendravaram)

II YEAR UG SEM-III END EXAMINATIONS –MARCH 2023

Subject : Programming with C & C++ | Paper Code: PC203204

Time : 3 Hrs | Max. Marks : 75 M

SECTION-A

I. Answer any FIVE of the following questions. **5x5=25**

1 Explain about switch statement in c.

2 What is the operator? Define types of operators?

3 What is an array? Explain about one dimensional array.

4 Explain about for loop.

5 What is meant by recursion? Explain with an example.

6 Difference between call by value and call by reference.

7 What are the applications of C++?

8 Explain about constructors and Destructors.

SECTION-B

II. Answer the following questions. **5x10=50**

9. (a)Explain about different data types.

(or)

(b)Explain the structure of C-programming languages?

10. (a)i Difference between while loop and do while loop?

ii Write a program for print 1 to 10 numbers using while loop in C?

(or)

(b)What is an array? Explain various types of arrays.

11. (a)What is a string? Write about strlen () and strcpy ()?

(or)

(b)What is function? Explain function definition, function declaration, function call.

12. (a)Explain about oops concept?

(or)

(b) Explain the structure of c++ program.

13. (a)Explain about different types of inheritances?

(or)

(b)Explain about types of constructors?

Scanned with OKEN Scanner

A.S.D.GOVT.DEGREE COLLEGE FOR WOMEN (AUTONOMOUS),KAKINADA

(Affiliated to AdikaviNannaya University, Rajamahendravaram)

II YEAR UG SEM-III END EXAMINATIONS -MARCH 2023

Subject : Organic Chemistry and Spectroscopy

Time : 3 Hrs

Paper Code: CHE203303

Max. Marks : 75 M

SECTION-A

Answer ALL the questions. Each carries TEN marks. 5X10=50Marks

1. (a). Explain mechanisms and stereochemistry of SN^1 and SN^2 reactionsof alkyl halides.

(Or)

(b)Write preparation and properties of Phenols.

2. (a)Discuss the following reactions.

(i) Aldol condensation (ii) Cannizaro reaction

(Or)

(b)Write the preparation and three synthetic applications of diethyl melonate.

3. (a) Explain acid and base hydrolysis reaction of esters with mechanism.

(Or)

(b)Write the mechanism of Curtius rearrangement and Reformatsky reactions.

4. (a) (i)Write a note on Vibrational Degrees of freedom for polyatomic molecules.

(ii)Explain selection rules in IR spectroscopy..

(Or)

(b) (i) Explain the effect of conjugation in UV spectroscopy.

(ii)Discuss the principle of NMR spectroscopy.

5. (a) (i)What is finger print region? Explain its significance with example.

(ii) Write IR spectral data for any one alcohol, aldehyde and ketone.

Scanned with OKEN Scanner

(Or)

(b)Derive Beer Lambert's law and its applications .

PART-A **5X5=25Marks**

Answer any **FIVE** of the following questions. Each one carries **FOUR** marks

6. Write William either synthesis.
7. Explain the mechanism of pinacol-pinacolone rearrangement.
8. Explain the mechanism of Baeyer Villiger oxidation
9. Explain Arndt-Eistert synthesis.
10. Explain spin -spin coupling.
11. Write the types of transitions in UV spectroscopy.
12. Explain the terms (a) Chemical shift (b) coupling constants.
13. Discuss the effect of inter molecular hydrogen bonding in IR spectroscopy.

Scanned with OKEN Scanner

Scheme of Valuation

PART – A

1. (a)(i) SN1 mechanism	5M
(ii) SN2 mechanism	5M
(b) Fischer esterification	5M
Carnizzaro reaction	5M
2. (a) Sandmeyer reaction	5M
N Bromo succinimide	5M
Hydroboration	5M
Acylation	5M
3. (a) acid and base hydrolysis	10M
(b) Claisen condensation	5M
Hofmann's rearrangement	5M
4. (a) Gabriel synthesis	5M
Explanation	5M
(b) Explanation	5M
Explanation	5M
5. (a) Explanation	5M
(b) Diels	5M
(b) Pericyclic	5M
Explanation	5M
PART – B	
6. Synthesis	5M
7. Mechanism	5M
8. Mechanism	5M
9. Synthesis	5M
10. Explanation	5M
11. Explanation	5M
12. Chemical shift	5M
Coupling constant	2M
13. Explanation	5M

A.S.D.GOVT.DEGREE COLLEGE FOR WOMEN (AUTONOMOUS),KAKINADA

(Affiliated to AdikaviNannaya University, Rajamahendravaram)

II YEAR UG SEM-III END EXAMINATIONS –MARCH 2023

Subject : Special Telugu | Paper Code: ST203104

Time : 3 Hrs | Max. Marks : 75 M

అ - విభాగము

I క్రింది వాటిలో ఐదింటికి సంక్షిప్త సమాధానాలు రాయండి. 5×5=25

1. ప్రాచ్యనైషధము కాలపు శాసనాల్లోని తెలుగు పదాలు.
2. వ్యాకరణ శేషకం 3. ఖచిత్రం పాలన 4. నన్నయ కవితారీతులు
5. విజ్ఞాన సూక్తివైచిత్రి 6. క్రీడాభిరామం 7. వసుచరిత్ర
8. వాలిల్లకి చరిత్ర

ఆ - విభాగము

II క్రింది ప్రశ్నలకు వ్యాసరూప సమాధానాలు రాయండి.

9. సాహిత్య చరిత్ర - యుగ విభజన గురించి వివరించండి. 1×10=10

(లేదా)

ప్రాచ్యనైషధ యుగం - భాషా సాహిత్యాల గురించి వివరించండి.

10. నన్నయకు ముందున్న కవుల గురించిన వివాదం వివరీకరించండి. 1×10=10

(లేదా)

శివకవి యుగ వైశిష్ట్యం తెలపండి.

11. తిక్కన నాటకీయతను పరిచయం చేయండి. 1×10=10

(లేదా)

శ్రీనాథుని కృతులను గూర్చి సమీక్షించండి.

12. "మధుర తిమ్మనార్య - ముద్దు పళని" పాత్రచిత్రణ ఆధారంగా వివరించండి. 1×10=10

(లేదా)

"శ్లేషకవితా చక్రవర్తి, సంగీత సాహిత్య రహస్య కళానిధి" రామరాజభూషణుడు వసుచరిత్ర ఆధారంగా వివరించండి.

13. పద సాహిత్యాన్ని నిర్వచించి వివరిస్తూ, సంకీర్తన లక్షణాలను రాయండి. 1×10

(లేదా)

దక్షిణాంధ్ర యుగ ప్రసిద్ధ కవులను గురించి వివరించండి.

Scanned with OKEN Scanner

A.S.D.GOVT.DEGREE COLLEGE FOR WOMEN (AUTONOMOUS),KAKINADA

(Affiliated to AdikaviNannaya University, Rajamahendravaram)

II YEAR UG SEM-III END EXAMINATIONS –MARCH 2023

Subject : Marketing | **Paper Code: MRK203203**

Time : 3 Hrs | **Max. Marks : 75 M**

Section-A

Answers **All** questions 5X10=50M

1. Define the word of Marketing. Explain the Concepts of Marketing?

(or)

2. Discuss the components of Marketing Mix used in retail industry with suitable examples?
3. What is consumer behaviour discuss various factors which influencing consumer behaviour?

(or)

4. Write about the segmentation basis for consumer markets?
5. Define Product? Explain the different stages and strategies involved in Product Life Cycle?

(or)

6. Write about New Product Development Process by taking your choice of product?

(or)

7. Define Strategy? Explain the different Pricing Strategies used in Pricing? (or)
8. What are the difference between Skimming and Penetration pricing?

(or)

9. Explain different types of Distribution Channels in Marketing?

(or)

10. . Define sales promotions? Discuss various types of sales promotions?

Section-B

Answers All questions 5X5=25M

11. Customer Orientated Concept.
12. Buying Decision Process
13. Elements of Branding
14. Direct Cost Pricing
15. Sales Promotion
16. *Digital Marketing*
17. *Objectives of Marketing*
18. *Advertising*

Scanned with OKEN Scanner

A.S.D.GOVT.DEGREE COLLEGE FOR WOMEN (AUTONOMOUS),KAKINADA

(Affiliated to AdikaviNannaya University, Rajamahendravaram)

II YEAR UG SEM-III END EXAMINATIONS –MARCH 2023

Subject : Abstract Algebra

Time : 3 Hrs

Paper Code: MAT2003A2

Max. Marks : 75 M

Section-A

Answer all questions. Each question carries **TEN** marks. 5X10=50M

1.(a)Prove that the set G of rational (real) numbers other than 1, with operation ⊕ such that $a \oplus b = a+b-ab \ \forall \ a,b \in G$ is an abelian group. Hence show that $x = 3/2$ is a solution of the equation $4 \oplus 5 \oplus x = 7$

(Or)

(b) The order of every element of a finite group is finite and is less than or equal to the order of the group.

2.(a) The necessary and sufficient condition for a complex H of a finite group G to be a subgroup is that $a,b \in H \Rightarrow ab \in H$.

(Or)

(b)State and prove Lagrange's theorem.

3.(a) A sub group H of a group G is a normal subgroup of G iff each left coset of H in G is a right coset of H in G.

(Or)

(b) Prove that if G is a group and H is a subgroup of Index 2 in G then H is normal subgroup of G.

4.(a) State and prove Cayley's theorem.

(Or)

(b) Prove that if G is an infinite cyclic group ,then G has exactly two generators which are inverses of each other.

5.(a) Prove that the characterstic of an integral domain is either a prime or Zero.

(Or)

(b) If S_1 and S_2 are two sub rings of a ring R then $S_1 \cup S_2$ is sub rings of R if and only if $S_1 \subset S_2$ Or $S_2 \subset S_1$

Section-B

Answer any FIVE questions. Each question carries equal marks. 5X5=25M

Scanned with OKEN Scanner

6. In a group $G(\neq\phi)$ for $a,b,x,y \in G$ the equation $ax=b$ and $ya=b$ have unique solutions.

7.Show that in a group G for $a,b \in G$, $(ab)^2=a^2b^2 \Leftrightarrow$ G is abelian.

8. If H and K are two subgroups of a group G then prove that HK is a subgroup of G iff HK=KH.

9.If a,b are any two elements of a group (G,.) and H any sub group of G then prove that $Ha=Hb \Leftrightarrow ab^{-1} \in H$ and $aH=bH \Leftrightarrow a^{-1}b \in H$.

10. If f is a homo morphism of a group G into G' then prove that Kernal f is a normal subgroup of G.

11.Find the regular permutation group isomorphic to the multiplicative group $\{1\ w\ w^2\}$.

12. Prove that a field has no zero divisors.

13 . Define a Boolean Ring and Prove that the Characteristic of a Boolean Ring is 2

***

ALL THE BEST

Scanned with OKEN Scanner

A.S.D.GOVT.DEGREE COLLEGE FOR WOMEN (AUTONOMOUS),KAKINADA

(Affiliated to Adikavitlannaya University, Rajamahendravaram)

II YEAR UG SEM-III END EXAMINATIONS –MARCH 2023

Subject : Child Development
Time : 3 Hrs

Paper Code: HCD203303
Max. Marks : 75 M

PART – A

ANSWER FIVE QUESTIONS, EACH QUESTION CARRIES 10 MARKS, 5X10=50M

1 a.) Enumerate on factors influencing growth and development OR

b.) Discuss the role of maturation and learning in child development

2 a.) Write about discomforts and complications during pregnancy OR

b.) Describe in detail about stages of birth

3 a.) Explain about physical development during early childhood years OR

b.) Write about Piaget's concrete operational stage during late childhood years

4 a.) Classify childhood disabilities and write about characteristics of auditory challenged OR

b.) Give the importance of special education

5 a.) Write about influence of child rearing practices on child's personality OR

b.) Suggest ways for early identification of behavior problems in children

PART-B

ANSWER ANY FIVE QUESTIONS, EACH QUESTION CARRIES 5 MARKS, 5X5=25M

6. Define the terms child development and human development

7. List out the principles of development and explain any one

8. Explain in detail about breech birth

9. Brief about Piaget's sensory motor stage

10. Write the characteristics of early childhood years

11. Give a note on learning disabilities among children

12. Define gifted children and write its characteristics.

13. Suggest a suitable and best parenting style to enhance child's personality.

Scanned with OKEN Scanner

A.S.D.GOVT.DEGREE COLLEGE FOR WOMEN (AUTONOMOUS),KAKINADA

(Affiliated to AdikaviNannaya University, Rajamahendravaram)

II YEAR UG SEM-III END EXAMINATIONS –MARCH 2023

Subject : Indian Government and Politics | **Paper Code: POL203103**

Time : 3 Hrs | **Max. Marks : 75 M**

SECTION -A

Answer all questions choosing one question from each unit. **5X10=50**

ప్రతి యూనిట్ నుండి ఒక ప్రశ్నను ఎంచుకుని ఈక్రింది ప్రశ్నలకు సమాధానం ఇవ్వండి.

UNIT -I

1. Discuss the salient features of the Indian Constitution?
   భారత రాజ్యాంగంలోని ముఖ్య లక్షణాలు పేర్కొనుము?

   OR

2. Explain the Government of India Act 1935?
   భారత ప్రభుత్వ చట్టం 1935 ను వివరించండి?

UNIT –II

3. Discuss the fundamental rights of the Indian Constitution?
   భారత రాజ్యాంగంలోని ప్రాథమిక హక్కులు వివరించండి?

   OR

4. Discuss Directive Principles of State Policy in the Indian Constitution?
   భారత రాజ్యాంగంలో రాష్ట్ర విధానం యొక్క నిర్దేశక సూత్రాలను చర్చించండి?

UNIT -III

5. Explain the powers and functions of the Indian Parliament?
   భారత పార్లమెంటు యొక్క అధికారాలు మరియు విధులు పేర్కొనుము?

   OR

6. Examine the powers and functions of the President of India?
   భారత రాష్ట్రపతి యొక్క అధికారాలు మరియు విధులను వివరించండి?

UNIT –IV

7. What are the powers and functions of the Indian Chief Minister?
   ముఖ్య మంత్రి యొక్క అధికారాలు మరియు విధులను పరిశీలించండి?

   OR

8. State is the role of the Gover in a State?
   రాష్ట్రంలో గవర్నర్ పాత్ర వివరించండి?

UNIT -V

9. Explain the powers and functions of the Supreme Court of India?
   భారత సుప్రీంకోర్టు యొక్క అధికారాలు మరియు విధులను చర్చించండి?

   OR

10. Write the composition appointment of Judges in the Supreme Court of India?
    భరత సుప్రీంకోర్టులో న్యాయమూర్తుల కూర్పు మరియు నియామకాలని వివరించండి?

SECTION -B

Answer any 5 FIVE questions. **5X5=25**

ఈక్రింది ఐదు ప్రశ్నలకు సమాధానము వ్రాయండి

11.	Government of India Act 1919	భారత ప్రభుత్వ చట్టం 1919
12.	Fundamental Duties	ప్రాథమిక విధులు
13.	Rajya Sabha	రాజ్యసభ
14.	Electoral College	ఎలక్టోరల్ కాలేజి
15.	Council of Ministers	మంత్రుల మండలి
16.	High Court	హై కోర్టు
17.	Judicial Review	న్యాయ సమీక్ష
18.	Article 356	ఆర్టికల్ 356

Scanned with OKEN Scanner

A.S.D.GOVT.DEGREE COLLEGE FOR WOMEN (AUTONOMOUS),KAKINADA

(Affiliated to AdikaviNannaya University, Rajamahendravaram)

II YEAR UG SEM-III END EXAMINATIONS –MARCH 2023

Subject : Principles of Garment Construction

Paper Code: HGC203302

Time : 3 Hrs

Max. Marks : 75 M

Part- A

Answer five questions each carries 10 marks. **5x10=50 Marks**

1. a. Explain in detail about parts of sewing machine.

Or

b. Describe the precautions to be taken while drafting.

2. a. Write about computerized and over lock sewing machines.

Or

b. Explain in detail about types of measurements.

3. a. Describe the precautions to be taken while making pattern layout.

Or

b. Discuss the importance of grain line in fabric cutting.

4. a. Explain the factors to be considered in selection of yoke designs.

Or

b. Describe the types of sleeves with illustrations.

5. a. Discuss the remedies of fitting problems in garments.

Or

b. How will you select and examine the quality of readymade garments.

Part- B

Answer any five of the following; each question carries 5 marks: **5x5=25**

6. Give a note on principles of mechanical sewing machines.
7. Write about finishing equipment.
8. What precautions should be taken while taking body measurements?
9. Write a note on flat pattern method.
10. What is the importance of pattern layout?
11. Give a note on guidelines of fabric cutting.
12. Write a brief note on kinds of collars.
13. Write a note on examination of tailor made garments.

Scanned with OKEN Scanner

A.S.R. GOVT. DEGREE COLLEGE FOR WOMEN (AUTONOMOUS), KAKINADA

(Affiliated to Adikavi Nannaya University, Rajamahendravaram)

II SEMESTER END EXAMINATIONS – MARCH 2023

Subject: Development Economics

Paper Code: [illegible]

Max. Marks: 75

Time: [illegible]

Section – A

Answer any five of the following. [illegible]

1. Economic Development.
2. Concept of sustainable development.
3. World Bank and IMF's classification of countries.
4. Various types of growth.
5. Robinson's Golden Age.
6. Contribution of industrial sector in economic development.
7. Private sector.
8. World Trade Organization.

Section - B

[illegible] Answer all the Questions [illegible]

[illegible]

1. (a) Economic development is a branch of study in economics. Discuss [illegible]

(OR)

(b) Explain different measures of economic development and sub-divisions [illegible]

2. (a) What are the basic characteristic features of underdeveloped countries [illegible]

(OR)

(b) Explain the role of Foreign Direct Investment in developing economies [illegible]

3. (a) Describe the Harrod-Domar theory of economic growth [illegible]

(OR)

(b) Explain the stages of Rostow's economic growth [illegible]

4. (a) Critically examine Rosenstein Rodan's big push theory of economic development [illegible]

(OR)

(b) Explain the merits and demerits of Labour Intensive Technology [illegible]

5. (a) What is the role of the state in economic development of an economy [illegible]

(OR)

(b) Discuss the role of IMF in economic development [illegible]

Scanned with OKEN Scanner

A.S.D.GOVT.DEGREE COLLEGE FOR WOMEN (AUTONOMOUS),KAKINADA

(Affiliated to Adikavi Nannaya University, Rajamahendravaram)

II YEAR UG SEM-III END EXAMINATIONS -MARCH 2023

Subject : Molecular Biology and Microbial Genetics | Paper Code: MB/BZ/307

Time : 3 Hrs | Max. Marks : 75 M

Section-A

Answer any five of the following questions 5x5=25M

Draw labelled diagrams wherever necessary

1. Central dogma
2. Meselson-Stahl Experiment
3. RNA ploymarase
4. Transduction
5. pBR322
6. cDNA
7. Lac operon
8. Griffith Experiment

Section-B

Answer all of the following questions 5X10=50 M

Draw labelled diagrams wherever necessary

9. a). Explain structure of DNA and its functions

Or

b). Write structure and functions of RNA

10. a). Explain experimental evidence to DNA as genetic material

Or

b). Discuss mechanism of DNA replication in prokaryotes

11. a) Define genetic code and write salient feature of genetic code

Or

b). Explain translation in prokaryotes

12. a). Explain DNA damage and repair mechanisms

Or

b) Explain different types of mutations

13. a). Explain gene cloning methods

Or

b). Write applications of genetic engineering in medicine and agriculture

Scanned with OKEN Scanner

A.S.D.GOVT.DEGREE COLLEGE FOR WOMEN (AUTONOMOUS),KAKINADA

(Affiliated to AdikaviNannaya University, Rajamahendravaram)

II YEAR UG SEM-III END EXAMINATIONS –MARCH 2023

Subject : Poultry Farming **Paper Code: PF20303S**

Time : 2Hrs **Max. Marks : 50M**

SECTION – A

I. Answer any four questions 4 x 5=20M

1) Poultry houses.
2) Growers and layers.
3) Bacterial diseases (any two).
4) Feed formulation.
5) Feeding methods.
6) Recycling of poultry waste.
7) Brooding.
8) Egg testing.

SECTION-B

II. Answer any Three questions 3 x 10 = 30M

9) Discuss briefly the past, present and future scenario of poultry farming industry in India. [OR]

10) What is broilers? Explain the layers and broilers.

11) Explain the nutrient requirements for different broilers. [OR]

12) Write an essay on viral diseases of poultry.

13) Explain the care and handling of hatching eggs. [OR]

14) Describe the three methods of hatching.

Scanned with OKEN Scanner

A.S.D.GOVT.DEGREE COLLEGE FOR WOMEN (AUTONOMOUS),KAKINADA

(Affiliated to AdikaviNannaya University, Rajamahendravaram)

II YEAR UG SEM-III END EXAMINATIONS -MARCH 2023

Subject : Retailing

Paper Code: RT203055

Time : 2Hrs

Max. Marks : 50M

SECTION-A

Answer ALL questions 3x10=30

1. Explain the scope of Retailing?

OR

2. What are the factors which influence the growth of Retailing in India?

3. What are different types of retail outlets?

OR

4. What are factors effecting retail location?

5. Explain the human resource function in retailing?

OR

6. What are the essentials of a good customer service?

SECTION-B

Answer any FOUR of the following questions 4x5=20

7. Features of retailing

8. Challenges of retailing

9. Chain stores

10. Visual Merchandising

11. Stores design

12. Store layouts

13. Job profile of retail manager

14. Sales promotion

****

Scanned with OKEN Scanner

A.S.D.GOVT.DEGREE COLLEGE FOR WOMEN (AUTONOMOUS),KAKINADA

(Affiliated to AdikaviNannaya University, Rajamahendravaram)

II YEAR UG SEM-III END EXAMINATIONS –MARCH 2023

Paper Code: OB20302S

Subject : Online Business

Max. Marks : 50M

Time : 2Hrs

SECTION – A

Answer any **FOUR** of the following 4 X 5 =20 M

1. Define Online business

ఆన్ లైన్ బిసినెస్ నునిర్వచించుము

2. E – Commerce

ఈ-కామర్స్

3. Supply chain Management

సప్లై చైన్ మేనేజ్మెంట్

4. Online Business strategy

ఆన్ లైన్ బిసినెస్ వ్యూహం

5. Procurement

ప్రొక్యూర్మెంట్ అనగానేమి

6. Online business Website

ఆన్ లైన్ బిసినెస్ వెబ్ సైట్

7. Models of E – business

ఈ-బిసినెస్ రకాలు

8. Online Advertisement

ఆన్ లైన్ ప్రకటనలు

Scanned with OKEN Scanner

SECTION – B

3 X 10=30 M

Answer the following questions

9. Distinguish between offline business and online business.

ఆఫ్ లైన్ బిజినెస్ మరియు ఆన్ లైన్ బిజినెస్ మధ్య గల తేడాలను వివరించుము

(OR)

10. Explain advantages and limitations of online business

ఆన్‌లైన్ బిజినెస్ యొక్క ప్రయోజనాలు మరియు పరిమితులను వ్రాయండి

11. Briefly explain trends in Customer Relationship Management

కస్టమర్ రిలేషన్ మేనేజ్మెంట్ లోని ప్రస్తుత ట్రెండ్స్ గురించి వివరించుము

(OR)

12. Explain strategic planning process in online business

ఆన్ లైన్ బిజినెస్ లోని వ్యూహాత్మక ప్రణాళిక ప్రక్రియను వివరించండి

13. Briefly explain how can you design online business Website

ఆన్ లైన్ బిజినెస్ వెబ్ సైట్ ను ఎలా క్రియేట్ చేయాలి

(OR)

14. Discuss about payment Gateways and SEO Techniques

పేమెంట్ గేట్ వే మరియు SEO పద్ధతులను గురించి చర్చించండి

Scanned with OKEN Scanner

A.S.D.GOVT.DEGREE COLLEGE FOR WOMEN (AUTONOMOUS),KAKINADA

(Affiliated to Adikavi Nannaya University, Rajamahendravaram)

II YEAR UG SEM III END EXAMINATIONS - MARCH 2024

Subject : Financial Markets | Paper Code: 5[illegible]

Time : 2Hrs | Max. Marks : 50M

Section – A

Answer the **All** questions from the following. 2 x 10 =20 Marks

1. A. What are the characteristics and functions of financial markets?

(Or)

B. Explain various financial markets and their institutions?

2. A. Explain the functions of SEBI?

(Or)

B. Discuss the advantages and limitations of stock exchange?

3. A. Explain the type money market instruments?

(Or)

B. Write an essay on Indian money market?

Section – B

Answer the any **FOUR** questions from the following. 4 x 5 =20Marks

4. What are financial Markets.
5. Write about shares.
6. Certificate of deposits.
7. Commercial bills.
8. Mutual funds.
9. Write about secondary market.
10. What is currency market?
11. Primary market.

Scanned with OKEN Scanner

Set-II

PHY
203302

A.S.D.GOVT.DEGREE COLLEGE FOR WOMEN (AUTONOMOUS),KAKINADA

(Affiliated to AdikaviNannaya University, Rajamahendravaram)

II YEAR UG SEM-III END EXAMINATIONS –MARCH 2023

Subject : Heat and Thermodynamics | Paper Code: PHY203302

Time : 3 Hrs | Max. Marks : 75 M

SECTION - A

Answer ALL questions (5 x 10 = 50 M).

1. Explain toothed wheel experiment for Maxwell 's law of distribution of molecular speeds

(OR)

Define thermal conductivity. Derive an expression for the coefficient of thermal conductivity of gases?

2. Explain the Carnot 's theorem.Derive an expression for efficiency of Carnot Engine?

(OR)

Define Entropy. Explain change in entropy in reverseble and irreversible process.

3. Derive Maxwell's thermodynamic equations using thermodynamic potentials?

(OR)

Derive equation for ratio of two specific heats using Maxwell thermodymic equations

4. Explain liquefication of air using Linde's method with neat diagram.

(OR)

Explain Joule - Kelvin effect using porous plug experiment.

Scanned with OKEN Scanner

5. State postulates of plank's Quantum theory of radiation and derive the equation for Stefan's law using planks quantum theory.

(OR)

Describe the construction and working of Angstrom pyroheliometer? Explain how solar constant can be determined?

SECTION - B

Answer any FIVE questions 5 x 5 = 25 Marks.

6. Explain Mean freepath degrees of freedom.
7. The coefficient of viscosity of hydrogen is 8.6×10^{-6} N-S/m^2 at a given temperature and pressure . Find the coefficient of thermal conductivity of hydrogen for which the value of Cv = 1.1×10^{4} J/ kg-mol-K
8. Calculate efficiency of Carnot Engine working between 27°C and 327°C
9. State and explain thermodynamic potentials?
10. Distinction between Joule expansion, Joule - Thomson expansion, Adiabatic expansion.
11. Calculate the temperature of Sun with the help of weins displacement law when λ = 4753A°, constant b = 2.92×10^{-3} mK
12. Write a short note on solar constant.
13. Write the applications of substances at low temperature.

Scanned with OKEN Scanner

A.S.D.GOVT.DEGREE COLLEGE FOR WOMEN (AUTONOMOUS),KAKINADA

(Affiliated to Adikavittannaya University, Rajamahendravaram)

II YEAR UG SEM-III END EXAMINATIONS –MARCH 2023

Subject : Cell Biology, Genetics, Molecular Biology and Evolution Paper Code: Z00206306

Time : 3 Hrs Max. Marks : 75 M

SECTION-A

I. Answer any five of the following. **5x5=25m**
Draw a labelled diagram wherever necessary.

1. Virus &Viroid
2. Mitochondria
3. Lethal genes
4. polygenes
5. Autosomal disorder's
6. Genomics
7. Central dogma of Molecular Biology
8. Genetic drift

SECTION-B

II. Answer the following questions. **5x10=50m**
Draw labelled diagrams wherever necessary.

9. a). Describe the ultrastructure of animal cell with neat labelled diagrams

(or)

b). Explain the structure and functions of Endoplasmic reticulum

10. a) Describe about chromosomal and genic balance theory of sex determination with reference to human and drosophila

(or)

b) Explain about x-linked and y-linked inheritance patterns with examples

11. a) What is mutant? Describe different types of mutations?

(or)

b). Explain karyotyping in human

12. a) Describe process of transcription in prokaryotes

(or)

b) Describe gene expression in prokaryotes with lac operon concept

13. a) Explain the Darwin's theory of natural selection with industrial melanism

(or)

b) Explain different types of speciation

******

Scanned with OKEN Scanner

A.S.D.GOVT.DEGREE COLLEGE FOR WOMEN (AUTONOMOUS),KAKINADA

(Affiliated to AdikaviNannaya University, Rajamahendravaram)

II YEAR UG SEM-III END EXAMINATIONS -MARCH 2023

Subject : Sanskrit

Paper Code:SAN20302

Time : 3Hrs

Max. Marks : 75M

NOTE: Section-A should be answered in Sanskrit

SECTION-A (प्रथमोभागः) (5x5=25)

ANSWER ANY FIVE OF THE FOLLOWING

1. अनन्वयालङ्कारं सोदाहरणं विवृणुत।

2. दृष्टान्तालङ्कारं सोदाहरणं विवृणुत।

3. भरतमुनिमधिकृत्य लिखत ।

4. शङ्कराचार्यमधिकृत्य लिखत ।

5. मरुत् शब्दं सम्पूर्णतया लिखत ।

6. श्लोकं पूरयित्वा भावं लिखत ।

अनुद्वेगकरं ..... उच्यते।।

7. श्लोकं पूरयित्वा भावं लिखत ।

कट्वाम्ल ..... शोकामयप्रदाः।।

8. मनस् शब्दं सम्पूर्णतया लिखत ॥

Scanned with OKEN Scanner

ANSWER ANY FIVE OF THE FOLLOWING

9. मध्यमव्यायोग रूपकस्य कथासारं लिखत।

(अथवा) 1×10=10

केशवदासस्यकुटुम्बः कथं भीमेन अभिरक्षितः ?

10. गान्धिमहाशयस्य सङ्कल्पबलं विशदयत ।

(अथवा) 1×10=10

सङ्कल्पबलरूपकस्य कथासारं लिखत ।

11. भगवद्गीतायाः सप्तदश अध्यायस्य सारं विशदयत।

(अथवा) 1×10=10

शिष्यानुशासनम् इति पाठ्यांशस्य उपादेयतामुपवर्णयत।

12. द्वयोः सन्दर्भवाक्यानि लिखत । 2×5=10

1. पतिमात्रधर्मिणी पतिव्रतेति नाम।
2. द्विजोत्तमाः पूज्यतमाः पृथिव्याम्।
3. दण्डं यथार्थमिह धारयितुं समर्थाः।
4. माता किल मनुष्याणां दैवतानां च दैवतम्।

13 द्वयोः सन्दर्भवाक्यानि लिखत । 2×5=10

1. स्वाध्यायप्रवचनाभ्यां न प्रमदितव्यम्।
2. श्रद्धया देयम्। अश्रद्धयाऽदेयम्।
3. मातृदेवो भव।
4. यान्यस्माकं सुचरितानि तानि त्वयोपास्यानि।

Scanned with OKEN Scanner

A.S.D.GOVT.DEGREE COLLEGE FOR WOMEN (AUTONOMOUS),KAKINADA

(Affiliated to AdikaviNannaya University, Rajamahendravaram)

II YEAR UG SEM-III END EXAMINATIONS -MARCH 2023

Subject : Hindi **Paper Code:HIN20303**

Time : 3Hrs **Max. Marks : 75M**

Part A

I. किन्हीं पाँच (5) प्रश्नों का उत्तर दीजिए। 5x5=25

1. सूरदास के व्यक्तित्व और कृतित्व पर प्रकाश डालिए।
2. कबीरदास के व्यक्तित्व और कृतित्व पर प्रकाश डालिए।
3. माखनलाल चतुर्वेदी का परिचय दीजिए।
4. सूरदास का बाल वर्णन पर एक लेख लिखिए।
5. मैथिलीशरण गुप्त का परिचय दीजिए।
6. परिपत्र का किसी एक नमूना लिखिए।
7. ज्ञानाश्रयी शाखा की विशेषताएँ लिखिए।
8. प्रेमाश्रयी शाखा की विशेषताएँ लिखिए।

Part B

II. निम्न लिखित सभी प्रश्नों के उत्तर दीजिए। 5x10=50

1. i. 'भिक्षुक' कविता का सारांश।

   अथवा

   ii. 'चरण चले- ईमान चले' कविता का सारांश लिखिए।

2. i. हिन्दी साहित्य का काल-विभाजन पर टिप्पणी लिखिए।

   अथवा

   ii. भक्तिकाल की विविध शाखाओं का परिचय दीजिए।

3. (i) निम्न में से किन्हीं पाँच (5) वाक्यों को हिन्दी में अनुवाद कीजिए।

   a. They go to school.
   b. Where do you go?
   c. Do you learn Hindi?
   d. I am reading.
   e. Krishna is drinking coffee.
   f. Yesterday was a holiday.
   g. Mohan is a little boy.
   h. The cat drinks milk.

   (ii) निम्न में से किन्हीं पाँच (5) वाक्यों को अंग्रेजी में अनुवाद कीजिए।

   a. वे गाँव में रहते हैं।
   b. यह फल कैसा है।
   c. मैं स्कूल जाता हूँ।
   d. वह दूध पीता है।
   e. राजू नहीं जा रहा है
   f. कोलकाता कहाँ है?
   g. राम रोटी खाता है।
   h. घड़ी दीवार पर है।

4. i. "विश्व भाषा के रूप में हिन्दी" पर एक निबंध लिखिए।

   अथवा

   ii. भारत की वर्तमान समस्याओं पर एक निबंध लिखिए।

5. i. ज्ञापन का परिचय देकर किसी एक नमूना लिखिए।

   अथवा

   ii. अधिसूचना का परिचय देकर किसी एक अधिसूचना का नमूना लिखिए।

Scanned with OKEN Scanner

A.S.D.GOVT.DEGREE COLLEGE FOR WOMEN (AUTONOMOUS),KAKINADA

(Affiliated to AdikaviNannaya University, Rajamahendravaram)

II YEAR UG SEM-III END EXAMINATIONS –MARCH 2023

Subject : Advanced Accounting — Paper Code: AA203201

Time : 3 Hrs — Max. Marks : 75 M

SECTION –A

Answer the All Questions from the following. 5x10= 50 Marks.

1.A) The following is the Receipts and Payments Account of Indian sports club for the first year Ending 31-12-2018.

Receipts and Payments Account

Receipt	Rs	Payments	Rs
To Donations	5,00,000	By Pavilion constructed	4,00,000
To Reserve Fund (Life and Entrance fee)	40,000	By Expenditure In Connective with matches	9,000
To receipts from matches)	80,000	By Furniture	21,000
To Revenue receipts		By Investment at Cost	1,60,000
Subscription	52,000	By Revenue payments	
Loker Rent	500	Salaries	18,000
Interest on Securities	2,400	Wages	6,000
Sundries	3,500	Insurance	3,500
		Telephone	2,500
		Electricity	1,100
		Sundry Expenses	2,100
		By Balance on hand	55,200
Total	6,78,400		6,78,400

Additional Information .

a) Donation received have to be capitalized
b) Outstanding bills for Sunday expenses Rs. 400
c) Wages unpaid for the Year Rs. 900
d) Salaries unpaid for the year Rs. 1700
e) Subscriptions outstanding for the year Rs. 2,500

Prepare income and expenditure account and the Balance sheet for the year ended 31-12-2018.

(or)

B). Distinguish between Receipts and Payments Account and Income and expenditure Account.

2.A) What do you mean by single entry system? What are its advantage and defects?

(Or)

B) A trader keeps his books by the single entry method. His position on 31st Dec. 2020 was as follows.

	Rs
Cash at Bank	9,000
Stock	60,000
Debtors	90,000
Machinery	1,50,000
Creditors	60,000

His Position on 31st Dec 2021 was as follows:

	Rs
Cash at Bank	12,000
Stock	75,000
Debtors	1,35,000
Machinery	1,35,000
Creditors	75,000

3:A) on 01-01-2017 a machinery was purchased by x Ltd.; on hire purchase system over a period of 3 years payable by a annual installments of Rs: 15,000/-. The Supplier charges interest at the rat of 5% per annum on yearly balance.

Show the Entries in the books of buyers : an annuity of Rs: 1 for 3 years at 5% is Rs: 1.3204771 Give entries in the books of X: Ltd.,

(Or)

B) A Laundry company purchases machinery on the installment system. The cash price of the machinery is Rs. 8,000/- the deposit is Rs. 800 and four annual installments of Rs: 1,800 are to be paid commencing a year after delivery. In addition, interest is to be paid at 7% on yearly balances and the purchases has to pay the seller insurance premium of ¼ % per annum on the outstanding balances.

Show that in the books of laundry company and of the sever of the period of agreement.

4: A) Define partners ship what is partnership deed? Give its contents

(or)

B) The Balance sheet of A and B as on 31-12-2019 is given below who share profits and losses in the ratio of 2:1

Liabilities	Rs	Assets	Rs.
A's Capital	45,000	Furniture	6,000
B's Capital	25,000	Freehold Property	20,000
General Reserve	24,000	Debtors	60,000
Creditors	16,000	Stock	12,000
		Cash	12,000
	1,10,000		1,10,000

They agreed to admit "C" into the firm on the following terms.

a) 50% of the general reserve is to remain as provision for doubtful debts

b) "C" Will bring in Rs. 21,000 of which Rs. 9,000/- will be treated as his share of good will be retained in the business

c) Closing stock is to be valued at Rs. 10,500/-

d) "C" is Entitled to one – third share of the Profit

e) Depreciation is to be provided in furniture @ 5%

Prepare necessary ledger accounts on balance of new firm.

5 A). A,B, and C were in partnership sharing profits and losses Equality Since C had become Bankrupt, they decided to dissolve the partnership on which date their balance sheet was as follows.

Liabilities		Rs.	Assets	Rs.
Sundry Creditors		2,500	Cash	5,000
A's Loan		1,000	Debtors	3,000
Capitals			Stock	4,000
A	3,000		Furniture	500
B	2,000	5,000	O.S. Capital	500
		8,500		8,500

All the assets were realized (Except cash) for Rs. 6,500 the expenses of realization amounted to Rs. 200 C's private estate is not sufficient event o pay his private debts.

From the above prepare Realization account, capital accounts, and Bank account to close the books of the firm.

(or)

B) What are the Entries in the case of Dissolution of an partnership Firm?

SECTION –B

Answer the any **five** Questions. From the following. **5x5=25 Marks.**

6. Explain the following a) Donations b) Subscriptions
7. What is memorandum Trading Account.
8. What is the difference between capital and net worth?
9. Revaluation Account.
10. Garner Vs Murray case – Explain
11. Double Entry System.
12. What is Sacrificing ratio?
13. What is Memorandum Revaluation Account.

Scanned with OKEN Scanner

A.S.D.GOVT.DEGREE COLLEGE FOR WOMEN (AUTONOMOUS),KAKINADA

(Affiliated to AdikaviNannaya University, Rajamahendravaram)

II YEAR UG SEM-III END EXAMINATIONS –MARCH 2023

Subject : Anatomy and Embryology of Angiosperms, Plant Ecology **Paper Code: BOT203305**

Time : 3 Hrs **Max. Marks : 75 M**

SECTION - A

Answer ALL the following questions 5 x 10=50 M

1) (a) Describe the Epidermal tissue and its Functions

(or)

(b) Describe the anamalous Secondary growth in Draceana Stem

2) (a) Describe the Structure of anther (or) Micro sporangium and development

(or)

(b) Write different types of Endosperm

3) (a) Describe the Light factor on Plant Growth

(or)

(b) Define ecological succession and explain the Xerosere

(4)(a) Define population ecology and explain demographic characteristics

(or)

(b) Define productivity ecology and productivity types

(5)(a) Give an account of Various threats to biodiversity

(or)

(b) Explain biodiversity conservation and importance of Conservation.

SECTION-B

Answer any Five of the following 5x5=25M

(6) Histogen Theory

(7) Types of Ovules

(8) Mega Sporogenesis

(9) Food Chain

(10) Explain both (a) Commensalism

(b) Saprophytism

(11) S-Shaped Curve

(12) Eco Types

(13) Red Data Book

Scanned with OKEN Scanner

Scanned with OKEN Scanner

Scanned with OKEN Scanner

7. Solve $(x^2+1)\frac{dy}{dx} + 4xy = \frac{1}{x^2+1}$

8. Solve : $y = 2px - p^2$

9. Solve : $x^2(y - px) = p^2 y$

10. Solve : $(D^2 - 3D + 2)y = \cosh x$

11. Solve : $(D^4 - 2D^3 + 2D^2 - 2D + 1)y = 0$

12. Solve : $d^2y/dx^2 - 6dy/dx + 13y = 8e^{3x} \sin 2x$

13. Solve : $[(1+x)^2 D^2 + (1+x)D + 1]y = 4 \cos \log(1+x)$

****

ALL THE BEST

Scanned with OKEN Scanner

[illegible]

[illegible]

[illegible]

[illegible]

Section – A

I Answer all Questions [illegible] Marks

1. a) [illegible] (6M)

   b) [illegible]

Class interval	0-10	10-20	20-30	30-40	40-50	50-60	60-70
Frequency	12	36	46	76	56	16	18

2. a) [illegible] (6M)

   b) [illegible]

Class :	Below 20	20-25	25-30	30-35	35-40	40-45	45-50
Frequency :	5	8	15	20	23	14	9	6

3. a) Calculate standard deviation of marks obtained by 100 students in Statistics.

Marks :	30	35	40	45	50	55	60	65	70
No. of Students:	12	15	17	16	15	10	13	18	11

   b) [illegible] (6M)

4. a) Define [illegible] explain the objectives of [illegible] (6M)

   b) Calculate Karl Pearson's [illegible]

	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80
	10	15	20	30	10	10	3	2

5. a) [illegible] explain the various types of correlation (6M)

   b) Calculate [illegible] (6M) [illegible]

	48	52	46	40	8	15	16	35	24	57	55
	12	12	24	15	24	20	18	21	21	6	19

Section – B

II Answer any five of the following questions 5X5= 25 Marks

1. What are the differences between primary data and secondary data.
2. Define MODE what are the merits of MODE.
3. Range.
4. Quartile Deviation.
5. Probable error.
6. Arithmetic mean
7. Karl Pearson's Co-Efficient of correlation.

Scanned with OKEN Scanner

A.S.D.GOVT.DEGREE COLLEGE FOR WOMEN (AUTONOMOUS),KAKINADA

(Affiliated to AdikaviNannaya University, Rajamahendravaram)

II YEAR UG SEM-III END EXAMINATIONS –MARCH 2023

Subject : Fish Nutrition & Feed Technology | Paper Code: AQ203308

Time : 3 Hrs | Max. Marks : 75 M

SECTION-A

I. Answer any five of the following. 5x5-25 M

Draw a labelled diagram wherever necessary.

1. Protein sparing effect
2. Check tray
3. Frequency of feeding
4. Micro coated feed and micro encapsulated feed.
5. Aflatoxins.
6. Protein deficiency.
7. Nutritional diseases.
8. Importance of balanced diet

SECTION-B

II. Answer all questions. 5x10-50 M

Draw a labelled diagrams wherever necessary.

9. a). Explain nutritional requirements for different stages of cultivable fish.

(or)

b). Write determination of feeding rate?

10.a). Write about different types of feeds and feeding methods?

(or)

b). Write about different pellet feeds and advantages of pelletization

11.a). Write an account of feed formulation

(or)

b). Write about different causes for spoilage of feed. Add note on proper storage methods of feed?

12.a). Write the uses of anti-oxidants and probiotics in shrimp culture?

(or)

b). Write about non-nutrient ingredients?

13.a) Explain vitamin and mineral deficiency symptoms in cultured fishes

(or)

b). Explain the importance of natural and supplementary feeds

******

Scanned with OKEN Scanner

A.S.D. GOVT. DEGREE COLLEGE FOR WOMEN (A)
(Re-Accredited by NAAC with B Grade) Jagannaicknpur,
Kakinada, East Godavari, AP-533003
AQUACULTURE TECHNOLOGY
SEMESTER: III PAPER-III (2022-2023)
FISH NUTRITION & FEED TECHNOLOGY

me: 3 Hrs Max. Marks: 75 M

Scheme of valuation

SECTION-A

Answer any five of the following. **5x5=25 M**
Draw a labelled diagram wherever necessary.

Def=1m, explaination=4m
Def=1m, explaination=4m
Def=1m, explaination=4m
, Def=1m, explaination=4m
, Def=1m, explaination=4m
, Def=1m, explaination=4m,
7. Def=1m, any 2 explaination=4m
8. Def=1m, explaination=4m

SECTION-B

II. Answer all questions. **5x10=50 M**
Draw a labelled diagrams wherever necessary.

9. a). Nutritients=4m, different stages=4m, requirement =2m.

(or)

b). definition =2m, explaination 8m any 10 points

0.a). Any 4 types and explaination=5m, feeding methods=any 3 explaination 5m

(or)

b). definition =2m, explaination 8m any 10 points

1.a). definition =2m, explaination with steps involved=8m

(or)

b). Any 3 causes for spoilage explaination= 5m, proper storage methods=5m

2.a). Any 8 uses uses of anti-oxidants=5m, probiotics=5m

(or)

b). Definition of non-nutrient ingredients=2m, their importance with explaination=8m

3.a) Any 6 vitamin and any 6 mineral deficiency symptoms= 10m

(or)

b). Importance of natural=5m and supplementary feeds=5m, any 6 to 8 points each.

******

Scanned with OKEN Scanner

A.S.D GOVT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS), KAKINADA

(Affiliated to Adikavi Nannaya University, Rajamahendravaram)

III YEAR UG SEM-III END EXAMINATIONS – MARCH 2025

Subject : Community Nutrition | Paper Code: HCN23S301

Time : 3 Hrs | Max. Marks : 75 M

Part-A

Answer five questions, each question carries 8 marks. 5X10=50Marks

1. a. Write the food and nutritional requirement of Lactating Mothers.

   Or

   b. Explain the nutritional requirement of adult man and write its RDA

2. a. Write healthy eating habits and nutritional requirement of preschool

   Or

   b. Importance of Packed lunch and nutritional requirement of school going children

3. a. Write the adolescent nutritional eating disorders.

   Or

   b. Explain nutritional requirement and nutritional related problems of elderly

4. a. Explain Anthropometry and the techniques involved in nutritional assessment.

   Or

   b. Discuss the components of vital statistics.

5. a. Explain the roles of different international organization to combat malnutrition

   Or

   b. Write the National Prophylactic programme to combat Vitamin A and Iodine deficiency in India.

Part-B

Answer any five of the following, each question carries 4 Marks 5X5=25M

6. Write Principles of meal planning.
7. Importance of Breastfeeding.
8. Write the complications of Pregnancy.
9. Importance of nutrition during adolescent.
10. Write the importance of nutritional assessment in community
11. How to assess clinical symptoms.
12. Write the Functions of Mid-Day Meal Programme
13. Role of CFTRI in combating malnutrition

Scanned with OKEN Scanner

Semester-III

HSC-301-Community Nutrition-Set-2

Scheme

Time:3hrs. Marks:75

Part- A

Answer five questions each question carries 8 marks. **5X10=50Marks**

14. a. Write the food and nutritional requirement of Lactating Mothers.5+5

Or

b. Explain the nutritional requirement of adult man and write its RDA-7+3

15. a. Write healthy eating habits and nutritional requirement of preschool-5+5

Or

b. Importance of Packed lunch and nutritional requirement of school going children-4+6

16. a. Write the adolescent nutritional eating disorders.-10

Or

b. Explain nutritional requirement and nutritional related problems of elderly-5+5

17. a. Explain Anthropometry and the techniques involved in nutritional assessment.2+8

Or

b. Discuss the components of vital statistics.+10

18. a. Explain any 3 roles of different international organization to combat malnutrition-Each 3.5

Or

b. Write the National Prophylactic programme to combat Vitamin A and Iodine deficiency in India.5+5

Part-B

Answer any five of the following, each question carries 4 Marks **5x5=25M**

19. Write Principles of meal planning.-5
20. Importance of Breastfeeding.-5
21. Write 3 complications of Pregnancy.-5
22. Importance of nutrition during adolescent.-5
23. Write the importance of nutritional assessment in community-5
24. How to assess clinical symptoms.-5
25. Write 4 Functions of Mid-Day Meal Programme-5
26. Role of CFTRI in combating malnutrition-5

Scanned with OKEN Scanner

SET - I

A.S.D.GOVT.DEGREE COLLEGE FOR WOMEN (AUTONOMOUS),KAKINADA

(Affiliated to AdikaviNannaya University, Rajamahendravaram)

II YEAR UG SEM-III END EXAMINATIONS –MARCH 2023

Subject : Modern Indian History & Culture (1764-1947 A. D) **Paper Code: HIS203101**

Time : 3 Hrs **Max. Marks : 75 M**

SECTION –A (25 Marks)

I.Answer any FIVE of the following questions. 5×5 M =25 Marks

1.Jhansi Lakshmi Bai

2.Raja Rama Mohan Roy

3.Jyothiraophule

4.Minto – Morley Reforms

5.Home rule Movement

6.Chauri – Chaura incident

7.Subhase Chandra Bose

8.Mountbatten

SECTION – B (50 Marks)

II.Answer ~~any~~ FIVE of the following questions. 5×10 = 50 Marks

9..(A)Write about the causes and results of the 1857 Revolt.

(OR)

(B)Write an essay on the reforms introduced by William Bentinck

10.(A)Write a note on Dr.B.R.Ambedkar Ideology and greatness

(OR)

(B)"Raja Rama Mohan Roy was the father of Indian Renaissance Movement" Explain

11.(A)Describe the Vandemataram Movement

(OR)

(B)Write an essay on Montague – Chelmsford Reforms

12.(A)Describe the causes and course of the Non – Cooperation movement

Scanned with OKEN Scanner

(OR)

(B) Outline the role of Gandhiji in the Indian National Movement

13. (A) Explain the Musim League politics in Freedom struggle

(OR)

(B) Estimate the role played by Sardar Patel in the integration of princely states

Scanned with OKEN Scanner